

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1. (Currently Amended) A telephone controller controlling a plurality of
2 telephones connected to the Internet via a LAN (Local Area Network), said
3 telephone controller allowing an external telephone connected to the
4 Internet to make a direct call to a telephone in the LAN comprising:
5 an IP (Internet Protocol) address allocating circuit which allocates a
6 private IP address to each of the plurality of telephones;
7 a memory in which a table indicating a correspondence between
8 IDs (Identifier) of the plurality of telephones and corresponding ones of the
9 private IP addresses is stored; and
10 a control circuit which controls communication between the
11 plurality of telephones and the Internet using the private IP addresses,
12 wherein each of the IDs includes a global domain name registered
13 on the Internet of said telephone controller and identification information
14 composed of a user name and an extension telephone number of the
15 telephone, wherein said memory further stores therein a table indicating a
16 correspondence among an ID, a private IP address, an extension telephone
17 number, and a user name, and wherein said control circuit, in response to a
18 registration request message including one of said IDs, extracts the
19 identification information from ~~an ID~~ said one of said IDs received via the
20 Internet, searches said table with the identification information to obtain
21 the private IP address, and executes communication between a telephone
22 to which the private IP address is allocated and the Internet.

2. (Canceled)

- 1 3. (Original) The telephone controller according to claim 1 wherein said
- 2 control circuit notifies the allocated IP address to the telephone.

4. (Canceled)

5. (Canceled)

- 1 6. (Original) The telephone controller according to claim 1 wherein said
2 memory further stores therein a table indicating communication history
3 information for each ID.

- 1 7. (Previously Presented) The telephone controller according to claim 1
2 wherein said table is updated in response to a request from the telephone.

- 1 8. (Original) The telephone controller according to claim 1, further
2 comprising means for receiving the ID, wherein said control circuit stores
3 the ID received from said means for receiving into said memory.

- 1 9. (Original) The telephone controller according to claim 1, further
2 comprising a transfer circuit which transfers information stored in said
3 table to some other telephone controller.

- 1 10. (Currently Amended) A telephone communication unit composed of a
2 LAN (Local Area Network) connected to the Internet, telephone
3 controllers communicating each other via the LAN, and a plurality of
4 telephones, wherein
5 each of said telephone controllers allowing an external telephone
6 connected to the Internet to make a direct call to a telephone in the LAN
7 and comprises:
8 an IP (Internet Protocol) address allocating circuit which allocates a
9 private IP address to each of said plurality of telephones;

10 a memory in which a table indicating a correspondence between
11 IDs (Identifier) and identification information of said plurality of
12 telephones and corresponding ones of said private IP addresses is stored;
13 and
14 a control circuit which controls communication between said
15 plurality of telephones and the Internet using the private IP addresses,
16 wherein each of the IDs includes a global domain name registered
17 on the Internet of said telephone controller and the identification
18 information is composed of a user name and an extension telephone
19 number of the telephone and wherein said memory stores therein a table
20 indicating a correspondence among an ID, a private IP address, an
21 extension telephone number and a user name; and
22 each of said plurality of telephones includes an input circuit which
23 receives an ID and identification information and sends the ID and the
24 identification information received from said input circuit to said telephone
25 controller, said control circuit, in response to a registration request
26 message including one of said IDs, extracts the identification information
27 from ~~an ID~~ said one of said IDs received via the Internet, searches said
28 table with the identification information to obtain the private IP address,
29 and executes communication between a telephone to which the private IP
30 address is allocated and the Internet.

11. (Canceled)

1 12. (Currently Amended) A telephone controller comprising:
2 a storage section configured to store an IP address allocated by an
3 IP address circuit together with an extension telephone number of each of a
4 plurality of telephones for every ID specifying a corresponding to each
5 telephone in said plurality of telephones;
6 a control section configured to manage said IP address and said
7 extension telephone number for every said ID, and to inform said IP

8 address to a telephone corresponding to said ID; and
9 a receiving section configured to receive a registration request
10 message from said telephone,
11 wherein said ID is ~~common to telephones and for each telephone~~
12 includes identification data and a global domain name registered on the
13 Internet, and the identification data of said ID includes a user identification
14 section and an extension telephone number identification section for said
15 extension telephone number of said telephone,
16 said registration request message includes said ID, and
17 said control section stores said registration request message
18 received by said receiving section and said extension telephone number
19 included in said ID in said storage section.

13. (Canceled).

14. (Canceled)